IV. *A Method of conveying* Liquors *into the* Abdomen *during the Operation of* Tapping; *propoſed by the Reverend* Stephen Hales, *D. D. and F. R. S. on Occaſion of the preceding Paper*; *communicated in a Letter to* Cromwell Mortimer, *M. D. Secr. R. S.*

SIR, *Feb.* 22. 1743-4.

Read Feb. 23. 1743-4. IT occurred to me, on your reading, *Thurſday* laſt, before the Society, the Caſe of the Woman at *Truro* in *Cornwall*, who was cured of a Dropſy, by injecting into the *Abdomen* *Briſtol* Water and *Cohore* Wine, after having drawn off a good Quantity of the dropſical *Lympha*; that, in caſe of further Trial, that, or any other Liquor, ſhall be found effectual to the Purpoſe, it might be more commodiouſly injected in the following Manner; *viz.*

By having Two *Trochars* fixed at the ſame time, one on each Side of the Belly; one of them having a Communication with a Veſſel full of the medicinal Liquor by means of a ſmall leathern Pipe: This Liquor might flow into the *Abdomen*, as faſt as the dropſical *Lympha* paſſed off through the other *Trochar*; whereby the dropſical *Lympha* might be conveyed off, to what Degree it ſhall be thought proper; and that without any Danger of a *Syncope* from Inanition; becauſe the *Abdomen* would, through the whole Operation, continue diſtended with Liquor, in ſuch a Degree as ſhall be found proper, by raiſing or lowering the Veſſel with the medicinal Liquor in it.

It

It is probable, that, if the Surface of the medicinal Liquor be about a Foot higher than the *Abdomen*, it may be ſufficient for the Purpoſe.

It were eaſy to find the Force with which the *Abdomen* is diſtended by the dropſical *Lympha*, by ſeeing to what Height it aroſe in a Glaſs Tube fixed to the *Trochar*; which Tube being taken away, it might, I ſuppoſe, be ſufficient to have the medicinal Liquor flow in from a leſſer perpendicular Height, than that to which the dropſical *Lympha* aroſe in the Glaſs Tube. I am,

SIR,

Your humble Servant,

Stephen Hales.

V. *An Extract of* John Fothergill, *M. D. Licentiate of the* Royal College *of* Phyſicians, London, *his Eſſay upon the Origin of* Amber.

Read March 1. 1743-4.

AFTER all that has been wrote upon the Subject of Amber, its Origin is yet, in a great meaſure, unknown. Several ingenious Men have ſearched into this Affair upon the Spot where the Amber is principally gathered: They have related their Obſervations with great Candour; they have given us the Concluſions they drew from the Facts they diſcovered; yet without ſatisfying us intirely about many Particulars.

But,